

COMPOSITE MATERIAL FOR CONSTRUCTION**Publication number:** JP6123158**Publication date:** 1994-05-06**Inventor:** SAWAIDE MINORU, IKETANI JUNICHI, TAKE TAKAO**Applicant:** SHIMIZU CONSTRUCTION CO LTD**Classification:**

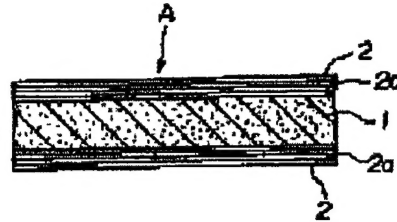
- international: *B32B3/12; B32B5/18; E04C2/20; E04F13/08; B32B3/12; B32B5/18; E04C2/10; E04F13/08; (IPC1-7) E04C2/20; B32B3/12; B32B5/18; E04F13/08*

- European:**Application number:** JP19920274672 19921013**Priority number(s):** JP19920274672 19921013[Report a data error here](#)**Abstract of JP6123158**

PURPOSE: To manufacture a lightweight, high-strength composite material for construction while easily achieving the strength that could meet design requirements.

CONSTITUTION: A composite material for construction comprises a plateshaped core 1, a fiber sheet 2... stuck to at least one side of the core 1, and resin used for gluing the core 1 and the fiber sheet 2... together and with which the fiber sheet 2... is impregnated. Even if a lightweight, low-strength member is used as the core 1, high strength can be added by the fiber sheet 2... against bending stress. Therefore, the composite

material is used as a lightweight, high-strength building material by using a lightweight core I.



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